Index of Claims

Application/Control No.

10/644,644

Reexamination HENLEY ET AL.

Applicant(s)/Patent under

Examiner

Art Unit

Hsien-ming Lee

2823

| √ | Rejected |
|---|----------|
| H | Allowed |

(Through numeral) Cancelled Restricted

Non-Elected N Interference

Appeal Α 0 Objected

| Cla | im | Date | | | | | | | | | | |
|-------|----------------------------------|------------------|--|--|--------------|--|----------|----------|----------|--|--|--|
| | | | | | | | | | | | | |
| Final | Original | 1/10/06 | | | | | | | | | | |
| ίĒ |)rig | اڃَا | | | | | | 1 | | | | |
| | 0 | - | | | | | | | | | | |
| | 1 | - | | | | | | | | | | |
| | 2 | , | | | | | | | | | | |
| | 3 | T | | | | | | | | | | |
| | 4 | | | | | | | | | | | |
| | 2 3 4 5 | 1 | | | | | | | | | | |
| | 6 | H | | | | | | _ | _ | | | |
| | 6 7 | H | | Г | Т | \vdash | | Г | | | | |
| | 8 | T | | | \vdash | Н | \vdash | Г | | | | |
| | 9 | T | \vdash | | | | _ | \vdash | Т | | | |
| | 10 | + | | \vdash | \vdash | | _ | \vdash | Н | | | |
| | 11 | | | _ | | | _ | \vdash | | | | |
| | 12 | 1 | _ | \vdash | \vdash | \vdash | \vdash | Н | Н | Н | | |
| | 13 | H | \vdash | \vdash | \vdash | | _ | Н | | | | |
| | 14 | H | \vdash | \vdash | \vdash | - | <u> </u> | \vdash | H | | | |
| | 15 | H | | \vdash | \vdash | _ | - | \vdash | | \vdash | | |
| | 11 12 13 14 15 16 | H | \vdash | | \vdash | \vdash | - | \vdash | \vdash | \vdash | | |
| | 17 | Н- | \vdash | \vdash | \vdash | - | | \vdash | \vdash | | | |
| | 18 | H | ├- | ┢ | \vdash | \vdash | \vdash | | - | - | | |
| | 17 18 19 | H | | ⊢ | \vdash | \vdash | ⊢ | - | \vdash | | | |
| | 20 | - | — | ⊢ | \vdash | | - | _ | \vdash | _ | | |
| | 20 21 | H | - | \vdash | - | _ | \vdash | _ | \vdash | \vdash | | |
| - | 22 | ╂ | ├- | ├- | \vdash | | \vdash | ┝ | ⊢ | \vdash | | |
| | 22 23 24 | H | - | \vdash | - | | - | _ | ⊢ | \vdash | | |
| | 24 | H | \vdash | ├- | - | \vdash | \vdash | \vdash | ┝ | - | | |
| | 25 | H | - | \vdash | ┝ | - | _ | | - | | | |
| | 25 26 | ₩ | \vdash | ┝ | - | - | _ | - | ⊢ | \vdash | | |
| | 27 | ₩ | | ├ | - | \vdash | ⊢ | - | | - | | |
| | 27 | H | - | - | \vdash | | _ | | ├ | | | |
| | 28 29 | H | ├- | | _ | | - | | \vdash | \vdash | | |
| | 29 | H | | ⊢ | <u> </u> | H | - | | ⊢ | \vdash | | |
| | 30 31 | ₩ | ⊢ | ├- | \vdash | | <u> </u> | \vdash | ⊢ | \vdash | | |
| | 37 | 11 | _ | ├ | - | - | <u> </u> | - | ⊢ | <u> </u> | | |
| | 32 | # | | ├- | | | <u> </u> | _ | ⊢ | <u> </u> | | |
| | 33 34 | ╙ | \vdash | ├- | <u> </u> | <u> </u> | _ | <u> </u> | ⊢ | \vdash | | |
| | 34 | - | <u> </u> | - | | | <u> </u> | ├— | \vdash | <u> </u> | | |
| | 35 | ₩ | | <u> </u> | | | - | | - | - | | |
| | 36 | ₩ | | ├- | ⊢ | \vdash | <u> </u> | ⊢ | \vdash | <u> </u> | | |
| | 37 | 1 | | ├ | | - | <u> </u> | ├— | ├ | - | | |
| | 38 | ╀ | ├ | ├ | | <u> </u> | <u> </u> | ⊢ | <u> </u> | <u> </u> | | |
| | 39 | ₩ | | \vdash | | | <u> </u> | ├ | - | | | |
| | 40 | ╀ | <u> </u> | <u> </u> | _ | _ | <u> </u> | <u> </u> | <u> </u> | \vdash | | |
| | 41 | # | <u> </u> | Ь. | <u> </u> | | <u> </u> | <u> </u> | _ | ļ | | |
| | 42 | ╙ | ⊢ | ⊢ | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | | | |
| | 43 | 11 | <u> </u> | <u> </u> | <u> </u> | _ | _ | <u> </u> | <u> </u> | <u> </u> | | |
| | 44 | 1 | _ | \vdash | _ | | _ | _ | L. | | | |
| | 45 | 11 | _ | _ | | | _ | _ | | | | |
| | 46 | Щ. | _ | <u> </u> | ļ., | _ | | <u> </u> | L_ | | | |
| | 47 | 11 | | _ | L_ | L_ | <u> </u> | L. | L | _ | | |
| | 48 | 1 | _ | _ | _ | L. | L- | L | <u> </u> | L | | |
| | 49 | Y | | | | | <u> </u> | <u> </u> | <u> </u> | L_ | | |
| ı | 50 | 1 | ı | ı | ı | ı | ı | ı | 1 | | | |

| la | im | | Date | | | | | | |] [| Cla | Date | | | | | | | | | | | |
|----|----------|-----------|------------|---|--|--|---|--|--------------|--|--|------|-------|----------|----------|----------|----------|----------|--------------|-------------------------------------|--|--|-----------|
| | | | П | | | | | | | | Г | | | | 9 | \Box | | | | | | | |
| | Original | 4/40/06 | <u>ا</u> إ | | | | | | 1 | | l | | al | Original | 90/01/1 | | 1 | | | l | | | |
| | rig | 1 5 | ₹ | | | | | | 1 | | l | | Final | rig | 뭐 | | | | | | | | |
| • | 0 | ۲ | - | | | | | | 1 | | l | | _ | 0 | = | | | | | 1 | | | |
| - | 1 | ۱- | ╛ | _ | \vdash | | Н | Н | \vdash | <u> </u> | \vdash | | | 51 | _ | - | \neg | | | \vdash | | \vdash | _ |
| | - | 1 | - | | \vdash | Η- | \vdash | - | | _ | | | _ | 52 | V | | - | _ | _ | - | \vdash | - | _ |
| _ | 3 | H | Н | _ | ⊢ | - | \vdash | | - | \vdash | ⊢ | | | 53 | V | - | \dashv | - | \vdash | \vdash | | - | |
| _ | 3 | ⊦ | H | | - | - | | | | | | | | 53 | - | - | - | | \vdash | ┝ | \vdash | Н | |
| _ | 4 | + | H | | - | - | \vdash | <u> </u> | - | - | - | | | 54 | - | | - | _ | <u> </u> | \vdash | \vdash | Н | |
| _ | 5 | L | Н | | <u> </u> | | _ | <u> </u> | <u> </u> | | - | | | 55 | - | - | | | - | <u> </u> | _ | | _ |
| | 6 | L | Ц | | <u> </u> | | _ | _ | <u> </u> | <u> </u> | L | | | 56 | V | _ | | | | <u> </u> | <u> </u> | | |
| _ | 7 | L | Ц | | _ | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | | | | 57 | V | _ | _ | | | <u> </u> | <u> </u> | Ш | |
| _ | 8 | Ц | Ц | | <u>_</u> | _ | _ | _ | L | <u> </u> | \vdash | | | 58 | V | _ | | | L_ | ļ | L. | Ш | |
| | 9 | Ц | Ц | | <u></u> | _ | $ldsymbol{ld}}}}}}}}}$ | _ | _ | _ | _ | | | 59 | V | | | | | _ | L | Ш | |
| | 10 | Ц | | | <u></u> | | | _ | _ | <u></u> | | | | 60 | V | | | | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | | |
| | 11 | \coprod | | | L^{-} | L | | L | | | \Box | | | 61 | V | | | | | | | | |
| | 12 | П | | _ | | | | Ĺ | L | | | | | 62 | V | | | | | | | | |
| _ | 13 | П | П | | Π | | | | | | | | | 63 | V | | | | | Ĺ | | | |
| | 14 | П | П | | Ī | | | | | | 1 | | | 64 | マ | | | | | Γ | Г | | |
| | 15 | Ħ | H | | | 1 | | \vdash | | | \vdash | 1 1 | | 65 | V | \neg | | | T | | Г | | |
| | 16 | H | Н | _ | | \vdash | \vdash | | \vdash | Т | T | | | 66 | J | | | | _ | T | Т | П | |
| | 17 | H | H | _ | Т | \vdash | - | \vdash | | | T | | | 67 | V | \neg | | _ | \vdash | T | \vdash | \vdash | |
| | 18 | Н | Н | | | \vdash | \vdash | \vdash | _ | - | | | | 68 | Ĭ | \dashv | | | \vdash | \vdash | t | \vdash | - |
| | 19 | Н | Н | | | \vdash | \vdash | \vdash | - | \vdash | \vdash | | | 69 | Ĭ | - | | | \vdash | | \vdash | Н | |
| | | Н | Н | _ | \vdash | \vdash | ⊢ | | - | \vdash | ₩ | | | 70 | Ž | | | — | \vdash | \vdash | ⊢ | \vdash | |
| | 20 | Н | Н | _ | \vdash | - | - | \vdash | \vdash | \vdash | \vdash | | | | V | | _ | | \vdash | - | - | \vdash | |
| _ | 21 | Н | Н | | - | ⊢ | _ | \vdash | ├_ | <u> </u> | ⊢ | | | 71 | V | _ | | | | ├- | - | \vdash | _ |
| | 22 | Ц | Ц | _ | ⊢ | _ | | | <u> </u> | <u> </u> | ₩ | | | 72 | 4 | _ | | | \vdash | \vdash | - | \vdash | |
| | 23 | Ц | Ц | | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ↓ | | | 73 | Ш | | | _ | <u> </u> | ⊢- | <u> </u> | - | |
| | 24 | Ц | Ц | _ | _ | _ | _ | <u> </u> | L. | _ | <u> </u> | | | 74 | Ш | | | | | <u> </u> | | Ш | |
| | 25 | Ц | Ц | | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | _ | _ | _ | _ | <u> </u> | <u> </u> | | | 75 | Ш | | | _ | <u> </u> | L_ | \vdash | Ш | _ |
| _ | 26 | L | Ц | | Ĺ | | | | L | | L |] | | 76 | Ш | | | | L | L | <u> </u> | L_ | |
| | 27 | Ĺ | | | L | Ĺ | | | L | | | | | 77 | | | | | | | | | |
| | 28 | П | П | | | | | | | | |] | | 78 | | | | | | | | | |
| | 29 | П | П | | Π | Γ | Г | Г | | П | | | | 79 | П | | | | | Γ | | | |
| _ | 30 | П | H | _ | Г | | Г | _ | | Г | | 1 | | 80 | П | | | | | | | | |
| _ | 31 | Ħ | Н | | ⇈ | | T | | I^- | ✝ | T | 1 | | 81 | М | | | | | | Г | | |
| _ | 32 | H | H | _ | 1 | \vdash | \vdash | \vdash | | | t | 1 | | 82 | Н | | | | | <u> </u> | 1 | | |
| - | 33 | Н | Н | | \vdash | | | <u> </u> | | \vdash | \vdash | 1 | | 83 | Н | - | _ | _ | \vdash | | \vdash | - | _ |
| _ | 34 | Н | Н | | \vdash | \vdash | | \vdash | | \vdash | \vdash | | | 84 | Н | \vdash | | | - | \vdash | \vdash | - | - |
| _ | 35 | H | Н | _ | - | | \vdash | \vdash | \vdash | \vdash | - | | | 85 | Н | - | | <u> </u> | \vdash | \vdash | \vdash | - | - |
| _ | | Н | Н | _ | \vdash | | \vdash | - | ├ | - | - | | | | \vdash | | | - | \vdash | \vdash | - | \vdash | - |
| _ | 36 | H | Н | _ | ├- | ₩ | \vdash | ₩ | ⊢ | ⊢ | \vdash | | | 86 | \vdash | - | _ | - | | \vdash | \vdash | - | - |
| _ | 37 | Н | Н | _ | ⊢ | - | | | ├— | - | - | | | 87 | \vdash | | | _ | ⊢ | | - | - | _ |
| | 38 | Ц | Ц | | ├ | | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | | | 88 | Ш | | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | - | <u> </u> |
| | 39 | Ц | Ц | | <u> </u> | _ | _ | <u> </u> | <u> </u> | _ | <u> </u> | | | 89 | Ш | | | L_ | <u> </u> | <u> </u> | ↓_ | <u> </u> | _ |
| _ | 40 | Ц | Ц | _ | ┞_ | | <u> </u> | <u> </u> | <u> </u> | _ | lacksquare | | | 90 | Ш | | | _ | <u> </u> | <u> </u> | ┞- | | |
| | 41 | Ц | Ц | | 匚 | L | | <u> </u> | <u></u> | _ | <u> </u> | | | 91 | Ш | | | L | <u> </u> | 1 | <u></u> | $ldsymbol{ld}}}}}}}$ | _ |
| | 42 | Ц | Ц | | | | L | | | | | | | 92 | | | | | | | | | |
| _ | 43 | | | | | | L | | | | | | | 93 | | | | | | L | L | | |
| _ | 44 | П | | | Π | | | | | | |] | | 94 | | | | | | | | | |
| | 45 | П | | | | 10 | | 70.3 | | | | | 7 | 95 | | = | = | | | | - | | |
| _ | 46 | Ħ | Ħ | _ | | | | | Г | Т | \vdash | | | 96 | П | | | T | | | \vdash | | |
| | 47 | Ħ | Н | - | 1 | \vdash | 1 | 1 | \vdash | | | 1 | _ | 97 | М | | | Ι- | 1 | \vdash | | | |
| _ | 48 | H | Н | _ | † | t | Ι- | | Ι- | <u> </u> | \vdash | 1 | - | 98 | Н | _ | | Н | 一 | | | | \vdash |
| _ | 49 | N | И | - | | | Ι- | - | - | ┢ | - | 1 | | 99 | Н | | | ┢ | - | \vdash | † | - | ┝ |
| - | 50 | ۲ | 4 | - | +- | +- | Η- | \vdash | \vdash | Η- | +- | i | ļ | 100 | Н | _ | _ | \vdash | ┢ | ╁ | | - | - |
| _ | 100 | - | _ | | _ | <u> </u> | Ь | L | | | <u> </u> | j i | | 100 | | | _ | _ | Ц_ | | <u> </u> | | <u> —</u> |

| Cla | aim | | | | | Date | | | | \neg |
|-------|---|----------|--|--|-------------------------------------|------------------|--------------|--------------|--|----------|
| | | | | | | | | | | \sqcap |
| _ | Original | | | | | | | | | |
| Final | .ig | | | | | | | | | |
| щ | ဝ | | | | | | | | | |
| | | _ | | | | L_ | | | | ш |
| | 101 | | | | | L | | | | Ш |
| | 101 102 103 | | | | | | | | | |
| | 103 | | | | | | | | | |
| | 104 | | | | | | | | | |
| | 105 106 107 | | | | | | | | | П |
| | 106 | Г | | | | | | | | \vdash |
| | 107 | Н | \vdash | Н | - | - | \vdash | \vdash | \vdash | Н |
| | 109 | | - | - | | - | \vdash | _ | \vdash | Н |
| | 108 109 | _ | _ | \vdash | _ | _ | \vdash | ┝ | | |
| | 110 | - | \vdash | \vdash | | - | - | | - | \vdash |
| | 110 | _ | _ | - | _ | _ | H | <u> </u> | _ | Н |
| | 111 | _ | | | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | |
| | 112 | | _ | \vdash | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | |
| | 113 | | | Ш | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | L_ | L | _ | Ш |
| | 113 114 115 | | $ldsymbol{ld}}}}}}$ | | | | | <u> </u> | | |
| | 115 | L | | | L | | L | | L | |
| | 116 | | | | | | | | | |
| | 116 117 | | | | | | | | I | |
| | 118 119 | | | | | | | | | П |
| | 119 | _ | | | | | | | | |
| | 120 | | | | _ | _ | | | | М |
| | 121 | H | | - | ┝─╴ | \vdash | _ | \vdash | ┢ | Н |
| | 122 | \vdash | Н | \vdash | ┝╌ | - | - | \vdash | \vdash | Н |
| | 121 122 123 | _ | - | ⊢ | ├ | - | ┝ | ┝ | - | Н |
| | 123 | | H | \vdash | - | - | ⊢ | ┝ | - | Н |
| | 124 125 126 127 128 129 130 | - | H | \vdash | ├— | | ⊢ | | | Н |
| | 125 | - | | ┡ | - | - | | | | Н |
| | 120 | | ⊢ | \vdash | <u> </u> | - | | ⊢ | <u> </u> | \vdash |
| | 127 | _ | <u> </u> | <u> </u> | ļ.— | <u> </u> | ⊢ | <u> </u> | <u> </u> | Ш |
| | 128 | _ | L | <u> </u> | _ | <u> </u> | <u> </u> | _ | | Н |
| | 129 | L | L | L | _ | | _ | | _ | Ш |
| | 130 | | | | L | | | | | Ш |
| | 131 | | | | | | | | | |
| | 132 133 134 | | | | | | | | | |
| | 133 | | | | | | | | Ι | П |
| | 134 | Γ | | Г | Г | | Г | Γ | | |
| | 135 | Π | | Г | | | 1 | Г | Г | П |
| • | 136 | | | \vdash | | | | | \vdash | П |
| | 137 | | Η. | _ | - | \vdash | \vdash | \vdash | | H |
| | 138 | | | \vdash | _ | | \vdash | | \vdash | Н |
| | 138 139 | \vdash | \vdash | \vdash | <u> </u> | | ┢╾ | ┰ | - | Н |
| | 140 | \vdash | \vdash | | - | - | \vdash | \vdash | | Н |
| | 141 | \vdash | ⊢ | \vdash | _ | \vdash | ⊢ | ┝ | - | Н |
| | 142 | - | ⊢ | - | ├- | \vdash | \vdash | \vdash | ├ | Н |
| | | _ | <u> </u> | \vdash | ├- | ├- | ⊢ | \vdash | ⊢ | \vdash |
| | 143 | _ | | \vdash | \vdash | — | <u> </u> | - | <u> </u> | Н |
| | 144 | _ | _ | _ | _ | _ | - | | | |
| | 145 | | | | | | | | _ | |
| | 146 | _ | L_ | _ | L. | L | _ | L. | _ | Ш |
| | 147 | _ | <u></u> | | L | L. | L. | L. | L | |
| | 148 | _ | | | | | | | | \Box |
| | 149 | | | | | | | | | |
| | 150 | | | | | | | | | |
| | | | | _ | | _ | _ | _ | | |